

PANNIER CORPORATION
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MATERIAL SAFETY DATA SHEET

#127 INK
BLACK, BLUE, RED, GREEN, VIOLET, WHITE
February 27, 2006 Rev. 1
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IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product.

CHEMTREC 24 HOUR EMERGENCY RESPONSE NUMBER: 800-424-9300
INTERNATIONAL EMERGENCY RESPONSE NUMBER: 703-527-3887

SECTION I - GENERAL INFORMATION

PRODUCT NAME: #127 INK
COLORS: BLACK, BLUE, RED, GREEN, VIOLET, WHITE

GENERIC NAME: Flexographic Ink
CHEMICAL FAMILY: Mixture
CAS NO.: NOT AVAILABLE (MIXTURE)
DOT HAZARDOUS MATERIALS PROPER SHIPPING NAME: Printing Ink
DOT HAZARD CLASS: Flammable Liquid
UN/NA ID NO.: UN 1210
HMIS CODES: 3H, 3F, 0R

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS		SEE SEC.VI	VAPOR PRESSURE		WEIGHT PERCENT
		OSHA PEL	ACGIH TLV		MM HG	@ TEMP	
*Cresylic Acid	1319-77-3	5 PPM SKIN	5 PPM SKIN	X	1.0	62°F	12-16
*Methanol	67-56-1	200 PPM	200 PPM	X	96.0	68°F	4-6
*Isopropyl and Ethyl Alcohol	67-63-0	400 PPM	400 PPM	N/A	37.0	68°F	44-50
BLACK: *N-Butyl Alcohol	71-36-3	50 PPM	50 PPM	X	4.0	68°F	6

*INDICATES TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372.

SECTION III - PHYSICAL DATA

BOILING RANGE: 147 to 374°F
SPECIFIC GRAVITY (H₂O=1): BLACK, BLUE, RED, GREEN, VIOLET: 0.9
WHITE: 1.1
VAPOR DENSITY: Heavier than Air
EVAPORATION RATE: Slower than Ether
MATERIAL V.O.C.: BLUE, RED, GREEN, VIOLET: 5.37 LB/GL (644 G/L)
BLACK: 5.38 LB/GL (645 G/L)
WHITE: 5.26 LB/GL (630 G/L)
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Viscous Colored Liquid, Pungent Odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 53°F
METHOD USED: Closed Cup
FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: BLACK: 1.4%
BLUE, RED, GREEN, VIOLET, WHITE: 1.5%
UPPER: 36.5%
EXTINGUISHING MEDIA: Alcohol Foam, CO₂, Dry Chemical, Water Fog

SPECIAL FIREFIGHTING PROCEDURES: Water spray may be ineffective. Water may be used to cool closed containers to prevent explosion when exposed to extreme heat. Full protective equipment may be needed to protect firefighters from hazardous combustion products.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode or collapse when exposed to extreme heat. Respiratory protection required for firefighting personnel. During emergency conditions, overexposure to decomposition products may cause a health hazard.

SECTION V - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Heat, Sparks and Open Flames

INCOMPATIBILITY (MATERIALS TO AVOID): Contact with strong acids, alkalis or oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: May produce carbon monoxide, carbon dioxide, oxides of nitrogen, and other hazardous decomposition products.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Irritation of nose and throat, dizziness, headache, and nausea.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: SKIN: Contact may cause irritation, burns and poisoning. EYES: May cause severe eye damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Cresylic acid may be absorbed through the skin causing burns and systemic poisoning.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Can cause nausea, vomiting, burning sensation and systemic poisoning.

HEALTH HAZARDS (ACUTE AND CHRONIC): ACUTE: Marked irritation of eyes, nose, throat and skin. Ingestion will have high risk effects. CHRONIC: (Cumulative) Toxicity - long-term liver, cardiovascular, and kidney damage.

CARCINOGENICITY: NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

None currently known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory irritation, dermatitis and nausea.

EMERGENCY AND FIRST AID PROCEDURES: INHALATION: Remove to fresh air. Restore breathing. Treat symptoms. Consult a physician. EYES: Flush immediately with water for 15 minutes. See a physician. SKIN: Wash with soap and water. Remove contaminated clothing. Consult a physician. INGESTION: Drink water to dilute. Do NOT induce vomiting. Consult a physician or poison control center immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all sources of vapor ignition. Ventilate area. Avoid breathing vapors. Remove by suitable inert absorbing material.

WASTE DISPOSAL METHOD: Incineration is preferred, in compliance with local, state and federal regulations. Refer to MSDS caution information before attempting to cleanup.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers closed when not in use, and keep away from heat, sparks and open flame. Avoid excessive inhalation of vapor or mist.

OTHER PRECAUTIONS: In accordance with good industrial practice, handle with care and avoid contact. Use only with adequate ventilation. Wash thoroughly after handling. For industrial use only. HMIS personal protective equipment is dependent upon conditions of use.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: When used with adequate ventilation none normally required. However, when required its use must be in compliance with all OSHA health and fit testing requirements, as given in 29CFR 1910.134. Do NOT spray! Will produce toxic vapors.

VENTILATION: Sufficient volume and pattern should be provided to keep air contaminant concentrations below current ACGIH TLV limits.

PROTECTIVE GLOVES: Protective gloves recommended for prolonged or repeated contact. Use rubber or plastic.

EYE PROTECTION: Safety eyewear is recommended and should be available to avoid accidental contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Use protective cream when skin contact is likely.

WORK/HYGIENIC PRACTICES: Wash hands before eating, drinking or smoking. Avoid smoking in work area.

SECTION IX - SPECIAL PRECAUTIONS

NO OTHER DATA AVAILABLE

SECTION X - REGULATORY INFORMATION

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III TOXIC CHEMICAL(S)

SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372.

	CAS NUMBER
Cresylic Acid	1319-77-3
Methanol	67-56-1
Isopropyl and Ethyl Alcohol	67-63-0
BLACK : N-Butyl Alcohol	71-36-3

DISCLAIMER OF LIABILITY

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